

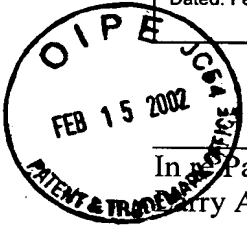
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: February 5, 2002

Signature: 

(Melinda E. Hallmark)

Docket No.: LA-1279-367. US (PATENT)



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent Application of:  
Harry A. Coldren

Application No.: 09/886360

Group Art Unit: N/A

Filed: June 20, 2001

Examiner: Not Yet Assigned

For: TUNABLE LASER CAVITY SENSOR  
CHIPBIOSENSORS USING VCSELS AND  
TUNABLE LASERS

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of these documents accompany this statement.

Applicant(s) have become aware of the following documents, cited in an International Search Report issued January 25, 2002, during the prosecution of international application no. PCT/US01/19883, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit(s) these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form SB/08, and a copy of the International Search Report and each document cited thereon are enclosed as well.


This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicant(s) understand(s) the Examiner will make an independent evaluation of the cited documents.

The undersigned hereby certifies that each item contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

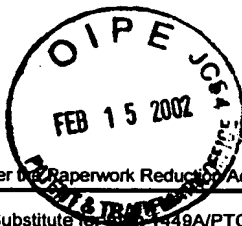
The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 50-0337, under Order No. LA-1279-367.US. A duplicate copy of this paper is enclosed.

Dated: February 5, 2002

Respectfully submitted,

  
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031  
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|---|---|--------------------------|------------------|------------------------|----------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   | <b>Complete if Known</b> |                  |                        |                |
|   |   | Application Number       | 09/886360        |                        |                |
|   |   | Filing Date              | June 20, 2001    |                        |                |
|   |   | First Named Inventor     | Larry A. Coldren |                        |                |
|   |   | Art Unit                 | N/A              |                        |                |
|   |   | Examiner Name            | Not Yet Assigned |                        |                |
| Sheet   | 1 | of                       | 1                | Attorney Docket Number | LA-1279-367.US |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |  |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |  |
|                       |                          |  |                                |  |  |

| FOREIGN PATENT DOCUMENTS |                          |   |                                |  |  |                |
|--------------------------|--------------------------|---|--------------------------------|--|--|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |  |                |
|                          | A                        | PCT/EP99/00401  | 07-29-1999                     | Torsana Biosensor A/S                              | 39   |                |

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                          |  |                |
|---|--------------------------|--|----------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|   | B                        | BEREGOVSKI, Y. et al, "Design and Characteristics of DBR-laser-based environmental sensors", SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 523, no. 1-2, 26 November 1998 (1998-11-26), pages 116-124, XP004151882                        |                |
|   | C                        | Page 117, left-hand column, last paragraph –right-hand column, paragraph 2 page 118, right-hand column, line 14 – line 25 figure 1   |                |
|   | D                        | HENNIG O, et al, "Distributed Bragg reflector laser-based sensor for chemical detection" OPTICS COMMUNICATIONS, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 156, no. 4-6, 15 November 1998 (1998-11-15) pages 311-315, XP004143080                        |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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